

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S14 0	812	713/155.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 09:58
S14 1	842	713/156.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 09:58
S14 2	429	713/175.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 09:58
S14 3	2400	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 09:58
S14 4	354	726/28.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 09:58
S14 5	861	705/59.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 09:58
S14 6	1768	713/168.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 09:58
S14 7	239	726/10.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 09:58
S14 8	6739	S140 S141 S142 S143 S144 S145 S146 S147	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 09:58
S14 9	15	((SHINAKO) near2 (MATSUYAMA)).INV.	USPAT	OR	ON	2007/05/22 10:00
S15 0	26	((YOSHIHITO) near2 (ISHIBASHI)).INV.	USPAT	OR	ON	2007/05/22 10:00
S15 1	10	((ICHIRO) near2 (FUTAMURA)).INV.	USPAT	OR	ON	2007/05/22 10:00
S15 2	10	((MASASHI) near2 (KON)).INV.	USPAT	OR	ON	2007/05/22 10:00
S15 3	83	((HIDEAKI) near2 (WATANABE)).INV.	USPAT	OR	ON	2007/05/22 10:00
S15 4	112	((SHINAKO) near2 (MATSUYAMA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/22 10:00

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S15 6	47	((ICHIRO) near2 (FUTAMURA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/22 10:00
S15 7	53	((MASASHI) near2 (KON)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/22 10:00
S15 8	722	((HIDEAKI) near2 (WATANABE)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/22 10:01
S15 9	5	(S154 S155 S156 S157 S158) and (identifier adj list).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/22 10:01
S16 0	9	(S154 S155 S156 S157 S158) and (identifier adj list)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/22 10:03
S16 1	20	(S148) and (identifier adj list).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/22 10:05
S16 2	1	(S148) and (identification adj certificate).clm. and (biotic).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/22 10:05
S16 3	2	(S148) and (certificate adj identifier adj list).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/22 10:06



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#3 ((authenticate &lt;and&gt; template &lt;and&gt; certificate)&lt;in&gt;metadata)

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## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)
**1. Development of personal authentication systems using fingerprint with s digital signature technologies**

Yoichi Seto;

Control, Automation, Robotics and Vision, 2002. ICARCV 2002. 7th International Conference on, 2-5 Dec. 2002 Page(s):996 - 1001 vol.2

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## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)

- ☐ 1. **A penetrationless secure container**  
Skogmo, D.;  
[Security Technology, 1992. Crime Countermeasures, Proceedings. Institute of Electronics Engineers 1992 International Carnahan Conference on](#)  
14-16 Oct. 1992 Page(s):238 - 243  
Digital Object Identifier 10.1109/CCST.1992.253728  
[AbstractPlus](#) | Full Text: [PDF](#)(456 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. **Security for the digital library-protecting documents rather than channels**  
Kohl, U.; Lotspiech, J.; Nusser, S.;  
[Database and Expert Systems Applications, 1998. Proceedings. Ninth International](#)  
26-28 Aug. 1998 Page(s):316 - 321  
Digital Object Identifier 10.1109/DEXA.1998.707419  
[AbstractPlus](#) | Full Text: [PDF](#)(64 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 3. **Compatible scrambling of compressed audio**  
Herre, J.; Allamanche, E.;  
[Applications of Signal Processing to Audio and Acoustics, 1999 IEEE Workshop](#)  
17-20 Oct. 1999 Page(s):27 - 30  
Digital Object Identifier 10.1109/ASPAA.1999.810841  
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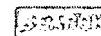
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### 1 [A secure and private system for subscription-based remote services](#)



Pino Persiano, Ivan Visconti

 November 2003 **ACM Transactions on Information and System Security (TISSEC)**,

Volume 6 Issue 4

Publisher: ACM Press

Full text available: pdf(241.65 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we study privacy issues regarding the use of the SSL/TLS protocol and X.509 certificates. Our main attention is placed on subscription-based remote services (e.g., subscription to newspapers and databases) where the service manager charges a flat fee for a period of time independent of the actual number of times the service is requested. We start by pointing out that restricting the access to such services by using X.509 certificates and the SSL/TLS protocol, while preserving the in ...

**Keywords:** Access control, anonymity, cryptographic algorithms and protocols, privacy, world-wide web

### 2 [Evaluating certificate status information mechanisms](#)



John Iliadis, Diomidis Spinellis, Dimitris Gritzalis, Bart Preneel, Sokratis Katsikas

 November 2000 **Proceedings of the 7th ACM conference on Computer and communications security CCS '00**

Publisher: ACM Press

Full text available: pdf(311.72 KB)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** certificate, certificate revocation, certificate revocation list, certificate status, evaluation framework

### 3 [Use of nested certificates for efficient, dynamic, and trust preserving public key infrastructure](#)



Albert Levi, M. Ufuk Caglayan, Cetin K. Koc

 February 2004 **ACM Transactions on Information and System Security (TISSEC)**, Volume 7 Issue 1

Publisher: ACM Press

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#),

Full text available:  pdf(532.64 KB)[review](#)

Certification is a common mechanism for authentic public key distribution. In order to obtain a public key, verifiers need to extract a certificate path from a network of certificates, which is called public key infrastructure (PKI), and verify the certificates on this path recursively. This is classical methodology. Nested certification is a novel methodology for efficient certificate path verification. Basic idea is to issue special certificates (called nested certificates) for other certifica ...

**Keywords:** Digital certificates, key management, nested certificates, public key infrastructure

#### 4 [Advances in public-key certificate standards](#)



Warwick Ford

July 1995 **ACM SIGSAC Review**, Volume 13 Issue 3**Publisher:** ACM PressFull text available:  pdf(556.65 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

To build effective public-key infrastructures, well-entrenched standards are essential because many different applications and different vendor products need to be supported and used. Standards for public-key certificate and certificate revocation list (CRL) formats are most important. The recognized standard in this area is ITU-T X.509, first published in 1988. In 1993, the Internet Privacy Enhanced Mail (PEM) proposals refined the use of X.509. However, more recently it has become apparent tha ...

#### 5 [Agents, interactions, mobility and systems: Certificates for mobile code security](#)



Hock Kim Tan, Luc Moreau

March 2002 **Proceedings of the 2002 ACM symposium on Applied computing SAC '02****Publisher:** ACM PressFull text available:  pdf(543.59 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


The problem of protecting mobile code from malicious hosts is an important security issue, for which many solutions have been proposed. We describe a method to adapt an existing technique, execution tracing, to enhance its flexibility in deployment for a large scale mobile agent system. This is achieved through the introduction of a trusted third party, the verification server, which undertakes the verification of execution traces on behalf of the platform launching the agent. The server constru ...

**Keywords:** mobile agent certificates, mobile agent security, mobile agent security framework

#### 6 [Controlled and cooperative updates of XML documents in byzantine and failure-prone distributed systems](#)



Giovanni Mella, Elena Ferrari, Elisa Bertino, Yunhua Koglin

November 2006 **ACM Transactions on Information and System Security (TISSEC)**, Volume 9 Issue 4**Publisher:** ACM PressFull text available:  pdf(1.32 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper proposes an infrastructure and related algorithms for the controlled and cooperative updates of XML documents. Key components of the proposed system are a set of XML-based languages for specifying access-control policies and the path that the document must follow during its update. Such path can be fully specified before the update process begins or can be *dynamically* modified by properly authorized subjects

while being transmitted. Our approach is fully distributed in that eac ...

**Keywords:** Byzantine and distributed systems, XML documents, policy languages, updates

## 7 Trust requirements in identity management

Audun Jøsang, John Fabre, Brian Hay, James Dalziel, Simon Pope


January 2005 **Proceedings of the 2005 Australasian workshop on Grid computing and e-research - Volume 44 ACSW Frontiers '05**

**Publisher:** Australian Computer Society, Inc.

Full text available:  pdf(164.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Identity management refers to the process of representing and recognising entities as digital identities in computer networks. Authentication, which is an integral part of identity management, serves to verify claims about holding specific identities. Identity management is therefore fundamental to, and sometimes include, other security constructs such as authorisation and access control. Different identity management models will have different trust requirements. Since there are costs associate ...

## 8 Overlay networks: Defending against eclipse attacks on overlay networks

 Atul Singh, Miguel Castro, Peter Druschel, Antony Rowstron


September 2004 **Proceedings of the 11th workshop on ACM SIGOPS European workshop: beyond the PC EW11**

**Publisher:** ACM Press

Full text available:  pdf(101.98 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Overlay networks are widely used to deploy functionality at edge nodes without changing network routers. Each node in an overlay network maintains pointers to a set of neighbor nodes. These pointers are used both to maintain the overlay and to implement application functionality, for example, to locate content stored by overlay nodes. If an attacker controls a large fraction of the neighbors of correct nodes, it can "eclipse" correct nodes and prevent correct overlay operation. This Eclipse attack ...

## 9 Web services: An advisor for web services security policies

 Karthikeyan Bhargavan, Cédric Fournet, Andrew D. Gordon, Greg O'Shea

November 2005 **Proceedings of the 2005 workshop on Secure web services SWS '05**

**Publisher:** ACM Press

Full text available:  pdf(314.81 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We identify common security vulnerabilities found during security reviews of web services with policy-driven security. We describe the design of an advisor for web services security configurations, the first tool both to identify such vulnerabilities automatically and to offer remedial advice. We report on its implementation as a plugin for Microsoft Web Services Enhancements (WSE).


**Keywords:** WS-security, XML security, policy-driven security, web services

## 10 A model of OASIS role-based access control and its support for active security

 Jean Bacon, Ken Moody, Walt Yao

November 2002 **ACM Transactions on Information and System Security (TISSEC)**,  
Volume 5 Issue 4

**Publisher:** ACM Press

Full text available:  pdf(352.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



OASIS is a role-based access control architecture for achieving secure interoperation of services in an open, distributed environment. The aim of OASIS is to allow autonomous management domains to specify their own access control policies and to interoperate subject to service level agreements (SLAs). Services define roles and implement formally specified policy to control role activation and service use; users must present the required credentials, in an appropriate context, in order to activate ...

**Keywords:** Certificates, OASIS, RBAC, distributed systems, policy, role-based access control, service-level agreements

11 Multiversion concurrency control—theory and algorithms



Philip A. Bernstein, Nathan Goodman

December 1983 **ACM Transactions on Database Systems (TODS)**, Volume 8 Issue 4

**Publisher:** ACM Press

Full text available: pdf(1.40 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Concurrency control is the activity of synchronizing operations issued by concurrently executing programs on a shared database. The goal is to produce an execution that has the same effect as a serial (noninterleaved) one. In a multiversion database system, each write on a data item produces a new copy (or version) of that data item. This paper presents a theory for analyzing the correctness of concurrency control algorithms for multiversion database systems. We use the the ...

**Keywords:** transaction processing

12 Enhancing location privacy in wireless LAN through disposable interface identifiers: a quantitative analysis



Marco Gruteser, Dirk Grunwald

June 2005 **Mobile Networks and Applications**, Volume 10 Issue 3

**Publisher:** Kluwer Academic Publishers

Full text available: pdf(2.31 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The recent proliferation of wireless local area networks (WLAN) has introduced new location privacy risks. An adversary controlling several access points could triangulate a client's position. In addition, interface identifiers uniquely identify each client, allowing tracking of location over time. We enhance location privacy through frequent disposal of a client's interface identifier. While not preventing triangulation per se, it protects against an adversary following a user's movements over ...

**Keywords:** location privacy, wireless LAN

13 Session 3C: Certifying algorithms for recognizing interval graphs and permutation graphs



Dieter Kratsch, Ross M. McConnell, Kurt Mehlhorn, Jeremy P. Spinrad

January 2003 **Proceedings of the fourteenth annual ACM-SIAM symposium on Discrete algorithms SODA '03**

**Publisher:** Society for Industrial and Applied Mathematics

Full text available: pdf(1.00 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A *certifying algorithm* for a decision problem is an algorithm that provides a certificate with each answer that it produces. The certificate is a piece of evidence that proves that the answer has not been compromised by a bug in the implementation. We give linear-

time certifying algorithms for recognition of interval graphs and permutation graphs. Previous algorithms fail to provide supporting evidence when they claim that the input graph is not a member of the class. We show that our cer ...

#### 14 Digital certificates: a survey of revocation methods



Petra Wohlmacher

November 2000 **Proceedings of the 2000 ACM workshops on Multimedia MULTIMEDIA '00**

**Publisher:** ACM Press

Full text available: pdf(455.31 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Digital certificates form a basis that allows entities to trust each other. Due to different constraints, a certificate is only valid within a specific period of time. Coming from several threats, there are important reasons why its validity must be terminated sooner than assigned and thus, the certificate needs to be revoked. This paper provides a classification of revocation methods and gives an overview of the main methods like CRL, CRS, CRT, and OCSP. If and in which way a revocation meth ...

**Keywords:** CRL, CRS, CRT, OCSP, X.509, attribute certificate, digital certificate, public-key certificate, revocation

#### 15 Privacy enhanced mail design and implementation perspectives



D. F. Hadj Sadok, Judith Kelner

July 1994 **ACM SIGCOMM Computer Communication Review**, Volume 24 Issue 3

**Publisher:** ACM Press

Full text available: pdf(792.71 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The introduction of public key crypto-systems has opened the way to using security in distributed applications without imposing huge management overhead. Electronic mail is one area where security is important. Privacy Enhanced Mail is emerging as a de-facto international standard for the interchange of secure e-mail. This paper discusses some of the current problematic issues of PEM and introduces a PEM User Agent developed to test some of its concepts. A number of PEM design and implementation ...

#### 16 Deficiencies in LDAP when used to support PKI



David Chadwick

March 2003 **Communications of the ACM**, Volume 46 Issue 3

**Publisher:** ACM Press

Full text available: pdf(100.30 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)  
 html(33.33 KB)

Problems arise when a protocol initially developed to simplify access to a distributed directory failed to take into account all the uses the directory was originally intended for.

#### 17 Peer-to-peer infrastructure: Secure routing for structured peer-to-peer overlay networks



Miguel Castro, Peter Druschel, Ayalvadi Ganesh, Antony Rowstron, Dan S. Wallach

December 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue SI

**Publisher:** ACM Press

Full text available: pdf(1.99 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Structured peer-to-peer overlay networks provide a substrate for the construction of large-scale, decentralized applications, including distributed storage, group communication, and content distribution. These overlays are highly resilient; they can

route messages correctly even when a large fraction of the nodes crash or the network partitions. But current overlays are not secure; even a small fraction of malicious nodes can prevent correct message delivery throughout the overlay. This problem ...

18 Multi-agent systems and social behavior: A user-centric anonymous authorisation framework in e-commerce environment



Richard Au, Harikrishna Vasanta, Kim-Kwang Raymond Choo, Mark Looi

March 2004 **Proceedings of the 6th international conference on Electronic commerce ICEC '04**

**Publisher:** ACM Press

Full text available: pdf(291.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

A novel user-centric authorisation framework suitable for e-commerce in an open environment is proposed. The credential-based approach allows a user to gain access rights anonymously from various service providers who may not have pre-existing relationships. Trust establishment is achieved by making use of referrals from external third parties in the form of *Anonymous Attribute Certificates*. The concepts of *One-task Authorisation Key* and *Binding Signature* are proposed to fac ...

19 Password management, mnemonics, and mother's maiden names: Passpet: convenient password management and phishing protection



Ka-Ping Yee, Kragen Sitaker

July 2006 **Proceedings of the second symposium on Usable privacy and security SOUPS '06**

**Publisher:** ACM Press

Full text available: pdf(479.35 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We describe Passpet, a tool that improves both the convenience and security of website logins through a combination of techniques. Password hashing helps users manage multiple accounts by turning a single memorized password into a different password for each account. User-assigned site labels (petnames) help users securely identify sites in the face of determined attempts at impersonation (phishing). Password-strengthening measures defend against dictionary attacks. Customizing the user interfac ...

20 Crypto-based identifiers (CBIDs): Concepts and applications



Gabriel Montenegro, Claude Castelluccia



February 2004 **ACM Transactions on Information and System Security (TISSEC)**, Volume 7 Issue 1

**Publisher:** ACM Press

Full text available: pdf(262.76 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This paper addresses the identifier ownership problem. It does so by using characteristics of Statistical Uniqueness and Cryptographic Verifiability (SUCV) of certain entities which this document calls SUCV Identifiers and Addresses, or, alternatively, Crypto-based Identifiers. Their characteristics allow them to severely limit certain classes of denial-of-service attacks and hijacking attacks. SUCV addresses are particularly applicable to solve the address ownership problem that hinders mechani ...

**Keywords:** Security, address ownership, authorization, group management, mobile IPv6, opportunistic encryption

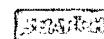
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You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

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museum +art

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museum -Paris

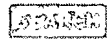
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You can also enter a full question or concept in plain language.

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- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

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Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

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